GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA

UNSTARRED QUESTION NO:4074
ANSWERED ON:20.04.2005
ATOMIC PLANTS
Budholiya Shri Rajnarayan;Mahajan Shri Y.G.

Will the Minister of ATOMIC ENERGY be pleased to state:

(a) the details of atomic plants in the country at present;

(b) whether an indigenously designed atomic plant has been set-up recently;

(c) if so, the details thereof;

(d) the total amount spent on setting up of the above indigenous atomic plant;

(e) whether any target for atomic energy generation from the said plant has been fixed; and

(f) if so, the details thereof?

Answer

THE MINISTER OF STATE IN THE PRIME MINISTER`S OFFICE (SHRI PRITHVIRAJ CHAVAN):

==========

(a) The details of nuclear power reactors in operation are as under;

Unit- Location	ReactorType	Present Capacity (MWe)	Commercial Operation date
Tarapur Atomic Power Station-1, Tarapur, Maharashtra	BWR	160	28-Oct-1969
Tarapur Atomic Power Station-2, Tarapur, Maharashtra	BWR	160	28-Oct-1969
Rajasthan Atomic Power Station-1 Rawatbhata, Rajasthan	PHWR	100	16-Dec-1973
Rajasthan Atomic Power Station-2R awatbhata, Rajasthan	PHWR	200	01-Apr-1981
Madras Atomic Power Station-1Kalpakkam, Tamil Nadu	PHWR	170	27-Jan-1984
Madras Atomic Power Station-2 Kalpakkam, Tamil Nadu	PHWR	220	21-Mar-1986
Narora Atomic Power Station-1 Narora, Uttar Pradesh	PHWR	220	01-Jan-1991
Narora Atomic Power Station-2 Narora, Uttar Pradesh	PHWR	220	01-Jul-1992
Kakrapar Atomic Power Station-1 Kakrapar, Gujarat	PHWR	220	06-May-1993
Kakrapar Atomic Power Station-2 Kakrapar, Gujarat	PHWR	220	01-Sept-1995
KAIGA-2 Kaiga, Karnataka	PHWR	220	16-Mar-2000
Rajasthan Atomic Power Station -3Rawatbhata, Rajasthan	PHWR	220	01-Jun-2000
KAIGA-1 Kaiga, Karnataka	PHWR	220	16-Nov-2000
Rajasthan Atomic Power Station-	PHWR	220	23-Dec-2000

4Rawatbhata, Rajasthan
Total 2770

(b) Yes, Sir.

(c) TAPP-4 (540 MWe- one unit of twin reactors of Tarapur Atomic Power Project-3&4), attained criticality on 6.3.2005 The commencement of commercial operation of this unit is expected by August 2005. The completion of the Unit-3 (second unit of TAPP-3&4) is planned during the year 2006-07.

(d) Out of approved completion cost of Rs. 6525 crore, the expenditure incurred so far is about Rs. 5000 crore.

(e) Yes, Sir.

(f) On completion of both the units, annual generation of electricity of about 6500 Million Units (MUs) is targeted. However, during the year 2005-06, a target of 3105 MUs is fixed in respect of TAPP-4.